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拒絶理由通知書

特許出願の番号	平成 6年 特許願 第125991号
起案日	平成12年 6月23日
特許庁審査官	関 美祝 9045 4G00
特許出願人代理人	内田 明 (外 2名) 様
適用条文	第29条第2項、第36条

この出願は、次の理由によって拒絶をすべきものである。これについて意見があれば、この通知書の発送の日から60日以内に意見書を提出して下さい。

理 由

1. この出願の下記の請求項に係る発明は、その出願前日本国内又は外国において頒布された下記の刊行物に記載された発明に基いて、その出願前にその発明の属する技術の分野における通常の知識を有する者が容易に発明をすることができたものであるから、特許法第29条第2項の規定により特許を受けることができない。
2. この出願は、特許請求の範囲の記載が下記の点で、特許法第36条第5項第2号及び第6項に規定する要件を満たしていない。

記 (引用文献等については引用文献等一覧参照)

理由1

- ・請求項 1～3
 - ・引用文献等 1～3
 - ・備考
- [請求項1について]

続葉有

00.7.14

2005年6月14日 20时17分

Mailing No. 186727

Mailed: July 4, 2000

TRANSLATION OF THE OFFICE ACTION

Patent Application No. 125991/1994
Drafted: June 23, 2000
Examiner: Misaki SEKI
Attorney(s): Akira UCHIDA and two others
Applicable provisions: Sections 29 and 36, Patent Law

This patent application is deemed to be rejected for the reason(s) set forth below. If any argument is to be presented, an Argument should be submitted within 30 days from the mailing date of this action.

REASONS

1. The present invention of this application claimed in the claims pointed out below is unpatentable under the provisions of Section 29(2) of Patent Law, since the invention could have easily been thought of by anyone who had general knowledge in this art field before the filing, based on the invention described in the below-mentioned publication(s) which was/were distributed in Japan or in a foreign country before the filing date.

2. This application does not meet the provisions of Section 36(5)(ii) and (6) of Patent Law, since the claims are inadequate with respect to the point(s) noted below.

REMARKS (see below for a list of References Cited)

Reason 1

Claim: 1

References: 1-3

Note:

[As for Claim 1]

Reference 1 discloses a combination of an iridium-carrying catalyst and a vanadium oxide-carrying catalyst as a catalyst for decomposing ammonia. In addition, Reference 2 discloses a combination of a catalyst in which a noble metal-carrying catalyst and a base metal-carrying catalyst are mixed and, further, a nitrogen oxide-reducing catalyst (vanadium is exemplified), as a catalyst for decomposing ammonia. In addition, Reference 1 discloses that alumina, silica, silica-alumina, diatomaceous earth or the like can be used as a carrier.

[As for claims 2 and 3]

References 1 and 2 disclose that a noble metal catalyst such as iridium cannot prevent the further oxidation reaction of nitrogen, which is produced by decomposition of ammonia, into nitrogen oxide and that decomposition of ammonia into nitrogen is selectively promoted by using a nitrogen oxide-removing catalyst in combination with a noble metal catalyst.

Reference 3 discloses that an ammonia oxidizing catalyst containing a noble metal catalyst is used by carrying it in a honeycomb substrate. Therefore, it is recognized that it would be obvious to a person skilled in the art to carry the ammonia decomposing catalyst and the nitrogen reducing catalyst disclosed in Reference 1 or 2 on a substrate in a layer form, based on the description on the Reference 3.

Reason 2

Claim: 1

Note:

The phrase "specific X-ray diffraction pattern as shown

in Table A in the specification" is inadequate for the description of the claims.

List of References Cited

1. Japanese Patent Provisional Publication No. 50-053295
 2. Japanese Patent Provisional Publication No. 57-084724
 3. Japanese Patent Provisional Publication No. 50-131690
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Record of the Prior Art Search

Searched filed: IPC 7th edition B01J21/00-38/74,
B01D53/86

The above searched Prior Art has not been relied on to the reject of the present application.